

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/013937

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7 D21H21/10 D21H17/55 D21H17/56 D21H17/67 D21H17/68   |   |  |
|---|---|--|
| According to International Patent Classification (IPC) or to both national classification and IPC   |   |  |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7 D21H  |   |  |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched   |   |  |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used)<br>EPO-Internal, WPI Data, PAJ   |   |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |   |  |
| Category *  | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.  |
| X   | DE 40 32 660 A1 (BASF AG, 6700 LUDWIGSHAFEN, DE)<br>16 April 1992 (1992-04-16)<br>page 3; examples<br>page 3, line 44 - line 48<br>claims 1,2   | 1  |
| Y   | the whole document  | 2-5  |
| Y   | PATENT ABSTRACTS OF JAPAN<br>vol. 2000, no. 18,<br>5 June 2001 (2001-06-05)<br>& JP 02 006685 A (AIR PROD AND CHEM INC),<br>10 January 1990 (1990-01-10)<br>cited in the application<br>abstract<br>-----<br>-/-- | 2-5  |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.   |   |  |
| * Special categories of cited documents :<br>*A* document defining the general state of the art which is not considered to be of particular relevance<br>*E* earlier document but published on or after the international filing date<br>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>*O* document referring to an oral disclosure, use, exhibition or other means<br>*P* document published prior to the international filing date but later than the priority date claimed<br>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.<br>*G* document member of the same patent family |   |  |
| Date of the actual completion of the international search<br>22 February 2005   |   | Date of mailing of the international search report<br>04/03/2005 |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl<br>Fax: (+31-70) 340-3016   |   | Authorized officer<br>Naeslund, P                                |

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|--|--|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| A  | <p>PATENT ABSTRACTS OF JAPAN<br/>vol. 015, no. 503 (P-1290),<br/>19 December 1991 (1991-12-19)<br/>&amp; JP 03 218557 A (FUJITSU LTD),<br/>26 September 1991 (1991-09-26)<br/>cited in the application<br/>abstract</p> <p>-----</p> | 1-5                   |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/EP2004/013937

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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